

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/516,439

INTERNATIONAL APPLICATION NO.
PCT/GB03/02319INTERNATIONAL FILING DATE
28 MAY 2003PRIORITY DATE CLAIMED
30 MAY 2002TITLE OF INVENTION
DRILLING APPARATUSAPPLICANT(S) FOR DO/EO/US
JAMIESON, ANGUS

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. The US has been elected (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. A **FIRST** preliminary amendment.
16. A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. A substitute specification.
18. A power of attorney and/or change of address letter.
19. A computer-readable form of the sequence listing in accordance with PCT Rule 13^{ter}.2 and 37 CFR 1.821 - 1.825.
20. A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. Express Mail Label No. EV638768686US
23. Other items or information:

RETURN RECEIPT POSTCARD

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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<p>The following fees are submitted:</p> <table border="1"> <tr> <td>24. <input type="checkbox"/> Basic national fee</td> <td>\$300</td> <td>\$</td> <td>\$0.00</td> <td></td> </tr> <tr> <td>25. <input type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).</td> <td>\$100</td> <td>\$</td> <td>\$0.00</td> <td></td> </tr> <tr> <td>All other situations.</td> <td>\$200</td> <td></td> <td></td> <td></td> </tr> <tr> <td>26. <input type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority</td> <td>\$100</td> <td></td> <td></td> <td></td> </tr> <tr> <td>International Search Report prepared and provided to the Office</td> <td>\$400</td> <td></td> <td></td> <td></td> </tr> <tr> <td>All other situations.</td> <td>\$500</td> <td>\$</td> <td>\$0.00</td> <td></td> </tr> <tr> <td>TOTAL OF 24, 25 and 26 =</td> <td></td> <td>\$</td> <td>\$0.00</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole)</td> <td colspan="3">RATE</td> </tr> <tr> <td>- 100 =</td> <td>0 /50 =</td> <td>0</td> <td>x</td> <td>\$250.00</td> <td>\$</td> <td>\$0.00</td> </tr> <tr> <td colspan="6">Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).</td> <td>\$</td> <td>\$130.00</td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td colspan="3">RATE</td> </tr> <tr> <td>Total claims</td> <td>- 20 =</td> <td>0</td> <td>x</td> <td>\$50.00</td> <td>\$</td> <td>\$0.00</td> </tr> <tr> <td>Independent claims</td> <td>- 3 =</td> <td>0</td> <td>x</td> <td>\$200.00</td> <td>\$</td> <td>\$0.00</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIMS (if applicable)</td> <td><input type="checkbox"/></td> <td>+</td> <td>\$360.00</td> <td>\$</td> <td>\$0.00</td> </tr> <tr> <td colspan="6">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$</td> <td>\$130.00</td> </tr> <tr> <td colspan="6"><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</td> <td>\$</td> <td>\$65.00</td> </tr> <tr> <td colspan="6">SUBTOTAL =</td> <td>\$</td> <td>\$65.00</td> </tr> <tr> <td colspan="6">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td>\$</td> <td>\$0.00</td> </tr> <tr> <td colspan="6">TOTAL NATIONAL FEE =</td> <td>\$</td> <td>\$65.00</td> </tr> <tr> <td colspan="6">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +</td> <td>\$</td> <td>\$40.00</td> </tr> <tr> <td colspan="6">TOTAL FEES ENCLOSED =</td> <td>\$</td> <td>\$105.00</td> </tr> <tr> <td colspan="6">06/13/2005 SFREY1 00000002J 10516439</td> <td>Amount to be</td> <td>\$</td> </tr> <tr> <td colspan="6">01 FC:2617 65.00 0P</td> <td>Amount to be</td> <td>\$</td> </tr> <tr> <td colspan="9"> <p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>\$105.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> </td> </tr> <tr> <td colspan="9"> <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO: DEREK H. MAUGHAN DYKAS, SHAVER & NIPPER, LLP PO BOX 877 BOISE, IDAHO 83701-0877 (208) 345-1122</p> </td> </tr> <tr> <td colspan="9"> <p>SIGNATURE DEREK H. MAUGHAN</p> <p>NAME <u>52,007</u></p> <p>REGISTRATION NUMBER</p> </td> </tr> </table>						24. <input type="checkbox"/> Basic national fee	\$300	\$	\$0.00		25. <input type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).	\$100	\$	\$0.00		All other situations.	\$200				26. <input type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority	\$100				International Search Report prepared and provided to the Office	\$400				All other situations.	\$500	\$	\$0.00		TOTAL OF 24, 25 and 26 =		\$	\$0.00		<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						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REG'D POSTAL PATENT & TRADEMARK OFFICE 07/01/2005
CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): JAMIESON

Docket No.

TVI101

Application No.
10/516,439

Filing Date

Examiner

Customer No.
21658

Group Art Unit

Invention: DRILLING APPARATUS

I hereby certify that the following correspondence:

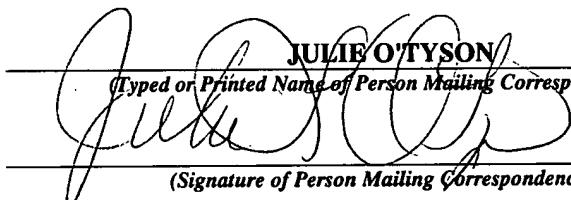
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE W/ ATTACHMENTS

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

JUNE 7, 2005

(Date)


JULIE O'TYSON

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

EV638768686US

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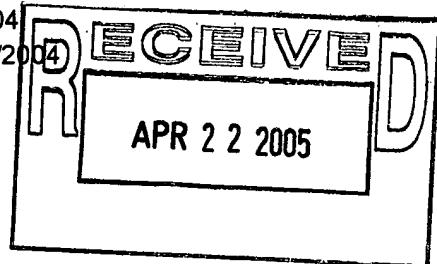
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10/516,439	Angus Jamieson	TVI101NUS
INTERNATIONAL APPLICATION NO.		
PCT/GB03/02319		
I.A. FILING DATE		PRIORITY DATE
05/28/2003		05/30/2002
CONFIRMATION NO. 2994		
371 FORMALITIES LETTER		
 *OC00000015750959*		

Date Mailed: 04/15/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 11/29/2004
- Copy of the International Search Report filed on 11/29/2004
- Copy of IPE Report filed on 11/29/2004
- Preliminary Amendments filed on 11/29/2004
- Small Entity Statement filed on 11/29/2004
- U.S. Basic National Fees filed on 11/29/2004
- Priority Documents filed on 11/29/2004



The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

VONDA M WALLACE

Telephone: (703) 308-9140 EXT 225

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/516,439	PCT/GB03/02319	TVI101NUS

FORM PCT/DO/EO/905 (371 Formalities Notice)